

APPENDIX D TO PART 91—AIRPORTS/LOCATIONS: SPECIAL OPERATING RESTRICTIONS

Section 1. Locations at which the requirements of §91.215(b)(2) and §91.225(d)(2) apply. The requirements of §§91.215(b)(2) and 91.225(d)(2) apply below 10,000 feet MSL within a 30-nautical-mile radius of each location in the following list.

Atlanta, GA (The William B. Hartsfield Atlanta International Airport)
 Baltimore, MD (Baltimore Washington International Airport)
 Boston, MA (General Edward Lawrence Logan International Airport)
 Chantilly, VA (Washington Dulles International Airport)
 Charlotte, NC (Charlotte/Douglas International Airport)
 Chicago, IL Chicago-O'Hare International Airport)
 Cleveland, OH (Cleveland-Hopkins International Airport)
 Covington, KY (Cincinnati Northern Kentucky International Airport)
 Dallas, TX (Dallas/Fort Worth Regional Airport)
 Denver, CO (Denver International Airport)
 Detroit, MI (Metropolitan Wayne County Airport)
 Honolulu, HI (Honolulu International Airport)
 Houston, TX (George Bush Intercontinental Airport/Houston)
 Kansas City, KS (Mid-Continent International Airport)
 Las Vegas, NV (McCarran International Airport)
 Los Angeles, CA (Los Angeles International Airport)
 Memphis, TN (Memphis International Airport)
 Miami, FL (Miami International Airport)
 Minneapolis, MN (Minneapolis-St. Paul International Airport)
 Newark, NJ (Newark International Airport)
 New Orleans, LA (New Orleans International Airport-Moisant Field)
 New York, NY (John F. Kennedy International Airport)
 New York, NY (LaGuardia Airport)
 Orlando, FL (Orlando International Airport)
 Philadelphia, PA (Philadelphia International Airport)
 Phoenix, AZ (Phoenix Sky Harbor International Airport)
 Pittsburgh, PA (Greater Pittsburgh International Airport)
 St. Louis, MO (Lambert-St. Louis International Airport)
 Salt Lake City, UT (Salt Lake City International Airport)
 San Diego, CA (San Diego International Airport)
 San Francisco, CA (San Francisco International Airport)

Seattle, WA (Seattle-Tacoma International Airport)
 Tampa, FL (Tampa International Airport)
 Washington, DC (Ronald Reagan Washington National Airport and Andrews Air Force Base, MD)

Section 2. Airports at which the requirements of §91.215(b)(5)(ii) apply. [Reserved]

Section 3. Locations at which fixed-wing Special VFR operations are prohibited.

The Special VFR weather minimums of §91.157 do not apply to the following airports:

Atlanta, GA (The William B. Hartsfield Atlanta International Airport)
 Baltimore, MD (Baltimore/Washington International Airport)
 Boston, MA (General Edward Lawrence Logan International Airport)
 Buffalo, NY (Greater Buffalo International Airport)
 Chicago, IL (Chicago-O'Hare International Airport)
 Cleveland, OH (Cleveland-Hopkins International Airport)
 Columbus, OH (Port Columbus International Airport)
 Covington, KY (Cincinnati Northern Kentucky International Airport)
 Dallas, TX (Dallas/Fort Worth Regional Airport)
 Dallas, TX (Love Field)
 Denver, CO (Denver International Airport)
 Detroit, MI (Metropolitan Wayne County Airport)
 Honolulu, HI (Honolulu International Airport)
 Houston, TX (George Bush Intercontinental Airport/Houston)
 Indianapolis, IN (Indianapolis International Airport)
 Los Angeles, CA (Los Angeles International Airport)
 Louisville, KY (Standiford Field)
 Memphis, TN (Memphis International Airport)
 Miami, FL (Miami International Airport)
 Minneapolis, MN (Minneapolis-St. Paul International Airport)
 Newark, NJ (Newark International Airport)
 New York, NY (John F. Kennedy International Airport)
 New York, NY (LaGuardia Airport)
 New Orleans, LA (New Orleans International Airport-Moisant Field)
 Philadelphia, PA (Philadelphia International Airport)
 Pittsburgh, PA (Greater Pittsburgh International Airport)
 Portland, OR (Portland International Airport)
 San Francisco, CA (San Francisco International Airport)
 Seattle, WA (Seattle-Tacoma International Airport)
 St. Louis, MO (Lambert-St. Louis International Airport)

Federal Aviation Administration, DOT

Pt. 91, App. E

Tampa, FL (Tampa International Airport)
Washington, DC (Ronald Reagan Washington National Airport and Andrews Air Force Base, MD)

Section 4. Locations at which solo student, sport, and recreational pilot activity is not permitted.

Pursuant to §91.131(b)(2), solo student, sport, and recreational pilot operations are not permitted at any of the following airports.

Atlanta, GA (The William B. Hartsfield Atlanta International Airport)
Boston, MA (General Edward Lawrence Logan International Airport)
Chicago, IL (Chicago-O'Hare International Airport)
Dallas, TX (Dallas/Fort Worth Regional Airport)
Los Angeles, CA (Los Angeles International Airport)
Miami, FL (Miami International Airport)
Newark, NJ (Newark International Airport)
New York, NY (John F. Kennedy International Airport)
New York, NY (LaGuardia Airport)

San Francisco, CA (San Francisco International Airport)
Washington, DC (Ronald Reagan Washington National Airport)
Andrews Air Force Base, MD

[Amdt. 91-227, 56 FR 65661, Dec. 17, 1991, as amended by Amdt. 91-235, 58 FR 51968, Oct. 5, 1993; Amdt. 91-236, 59 FR 2918, Jan. 19, 1994; Amdt. 91-237, 59 FR 6547, Feb. 11, 1994; 59 FR 37667, July 25, 1994; Amdt. 91-258, 64 FR 66769, Nov. 30, 1999; Amdt. 91-278, 68 FR 9795, Feb. 28, 2003; Amdt. 91-282, 69 FR 44882, July 27, 2004; Admt. 91-314, 75 FR 30195, May 28, 2010; Amdt. 91-319, 75 FR 61613, Oct. 6, 2010]

EFFECTIVE DATE NOTE: By Amdt. 91-236, 59 FR 2918, Jan. 19, 1994, as corrected by Amdt. 91-237, 59 FR 6547, Feb. 11, 1994, appendix D to part 91 was amended in sections 1 and 3 in the Denver, CO entry by revising "Stapleton" to read "Denver" effective March 9, 1994. By Amdt. 91-238, 59 FR 10958, Mar. 9, 1994, the effective date was delayed to May 15, 1994. By Amdt. 91-241, 59 FR 24916, May 13, 1994, the effective date was suspended indefinitely.

APPENDIX E TO PART 91—AIRPLANE FLIGHT RECORDER SPECIFICATIONS

Parameters	Range	Installed system ¹ minimum accuracy (to recovered data)	Sampling interval (per second)	Resolution ⁴ read out
Relative Time (From Recorded on Prior to Takeoff).	8 hr minimum	±0.125% per hour	1	1 sec.
Indicated Airspeed	Vso to VD (KIAS)	±5% or ±10 kts., whichever is greater. Resolution 2 kts. below 175 KIAS.	1	1% ³
Altitude	− 1,000 ft. to max cert. alt. of A/C.	±100 to ±700 ft. (see Table 1, TSO C51-a).	11	25 to 150 ft.
Magnetic Heading	360°	±5°	1	1°
Vertical Acceleration ..	− 3g to +6g	±0.2g in addition to ±0.3g maximum datum.	4 (or 1 per second where peaks, ref. to 1g are recorded).	0.03g.
Longitudinal Acceleration.	±1.0g	±1.5% max. range excluding datum error of ±5%.	2	0.01g.
Pitch Attitude	100% of usable	±2°	1	0.8°
Roll Attitude	±60° or 100% of usable range, whichever is greater.	±2°	1	0.8°
Stabilizer Trim Position, or, Pitch Control Position ⁵ .	Full Range	±3% unless higher uniquely required.	1	1% ³
Engine Power, Each Engine:	Full Range	±3% unless higher uniquely required.	1	1% ³
Fan or N ¹ Speed or EPR or Cockpit indications Used for Aircraft Certification OR.	Maximum Range	±5%	1	1% ³